

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094332.D
 Acq On : 11 Apr 2017 2:16
 Operator : SJ/MA
 Sample : I2601-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 03:01:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

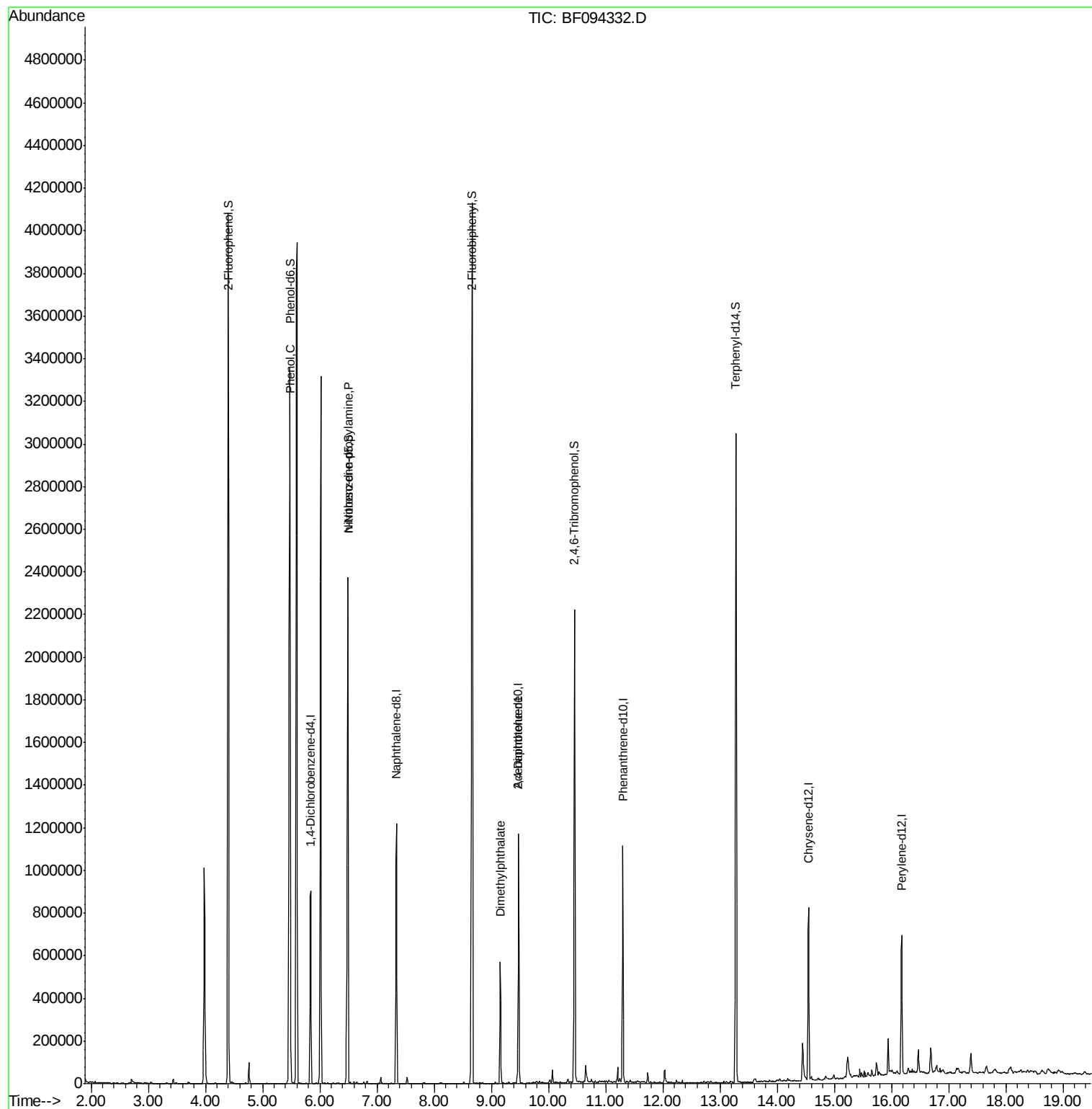
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	157024	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	619941	20.00	ng	-0.02
38) Acenaphthene-d10	9.47	164	268752	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	441916	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	307229	20.00	ng	-0.02
86) Perylene-d12	16.18	264	258196	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1302559	140.11	ng	0.01
7) Phenol-d6	5.47	99	1694386	147.32	ng	0.01
23) Nitrobenzene-d5	6.49	82	1048856	96.55	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	320737	151.03	ng	-0.01
44) 2-Fluorobiphenyl	8.66	172	1714715	97.32	ng	-0.02
78) Terphenyl-d14	13.28	244	1212321	88.45	ng	-0.02
Target Compounds						
10) Phenol	5.49	94	123708	9.45	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	6.49	70	139092	18.82	ng	# 77
49) Dimethylphthalate	9.16	163	244694	12.81	ng	99
56) 2,4-Dinitrotoluene	9.47	165	33940	6.17	ng	# 33

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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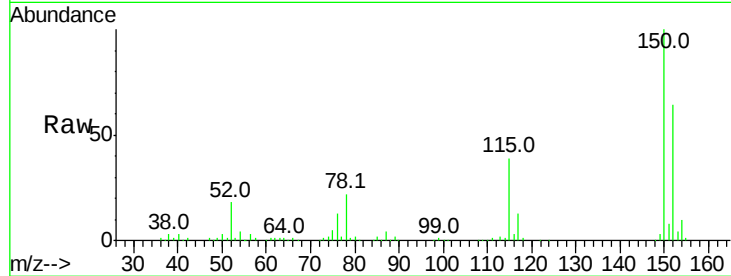


#1

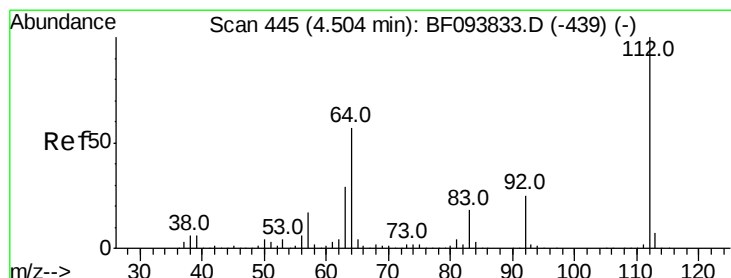
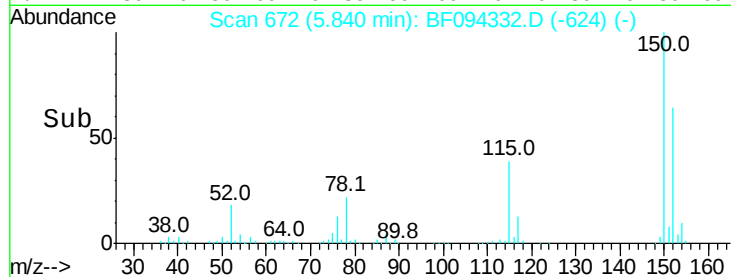
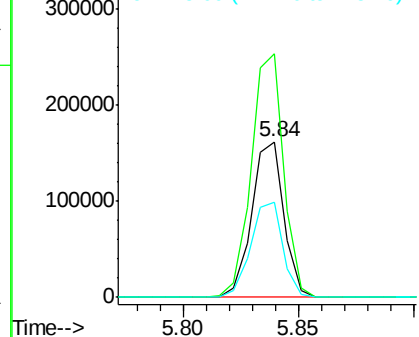
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.84 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF094332.D
Acq: 11 Apr 2017 2:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 157024
Ion Ratio Lower Upper
152 100
150 156.6 126.2 189.2
115 60.8 52.2 78.2



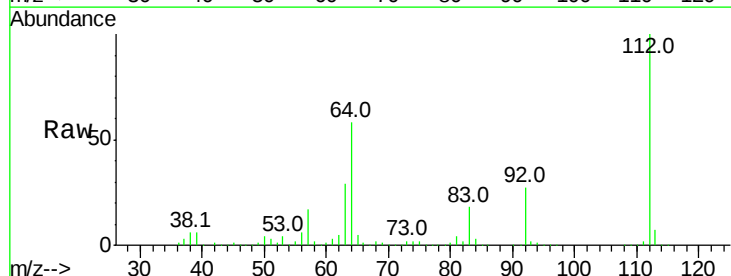
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



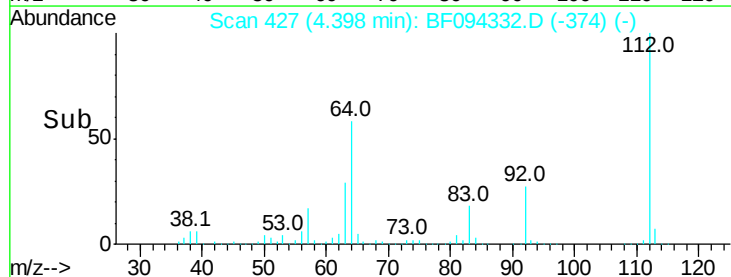
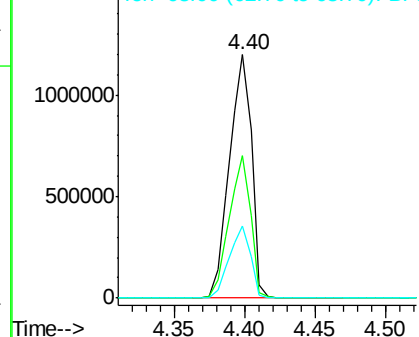
#5

2-Fluorophenol
Concen: 140.11 ng
RT: 4.40 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF094332.D
Acq: 11 Apr 2017 2:16

Tgt Ion:112 Resp: 1302559
Ion Ratio Lower Upper
112 100
64 58.3 46.0 69.0
63 29.4 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 147.32 ng

RT: 5.47 min Scan# 610

Delta R.T. 0.01 min

Lab File: BF094332.D

Acq: 11 Apr 2017 2:16

Instrument :

BNA_F

ClientSampleId :

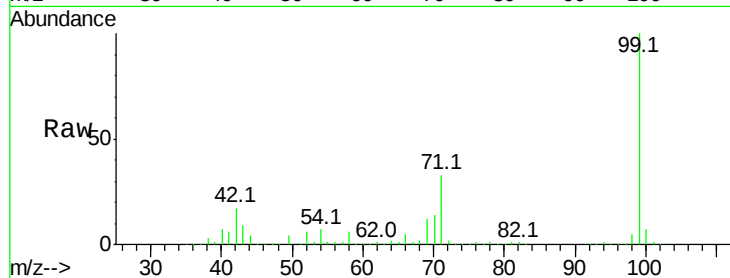
Tot Ion: 99 Resp: 1694386

Ion Ratio Lower Upper

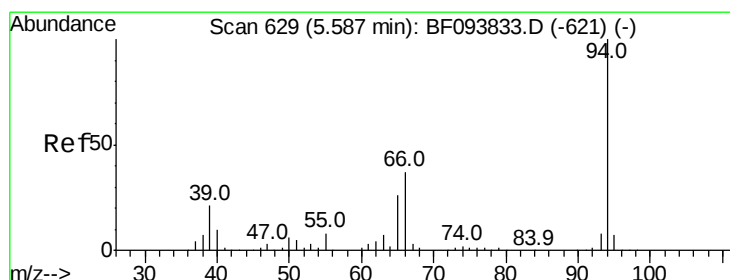
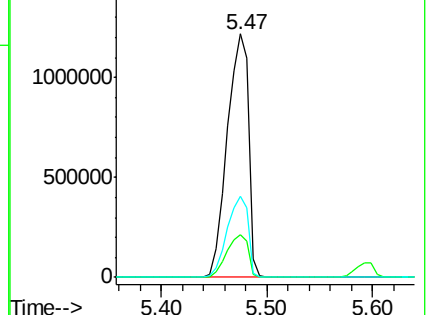
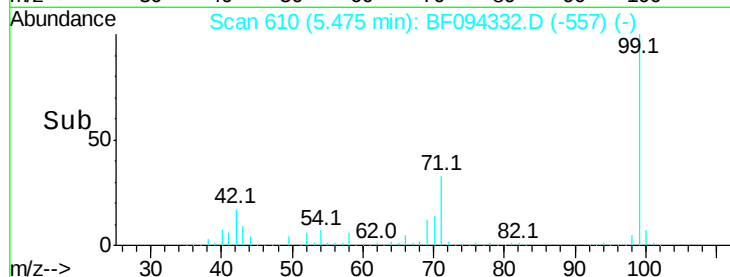
99 100

42 17.4 13.5 20.3

71 33.2 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 9.45 ng

RT: 5.49 min Scan# 612

Delta R.T. 0.01 min

Lab File: BF094332.D

Acq: 11 Apr 2017 2:16

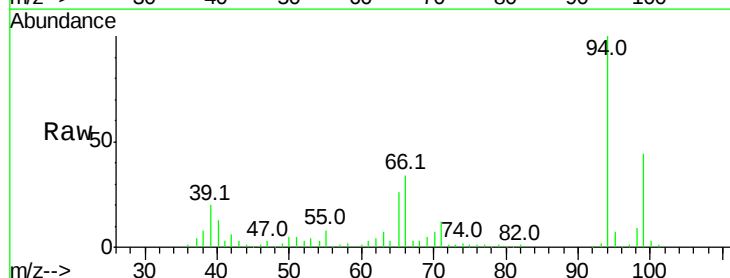
Tgt Ion: 94 Resp: 123708

Ion Ratio Lower Upper

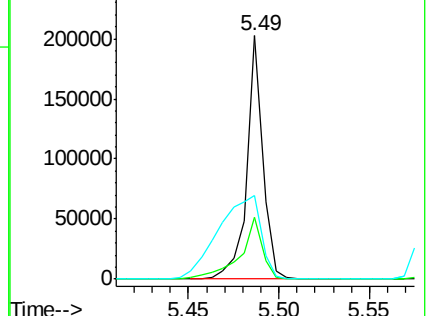
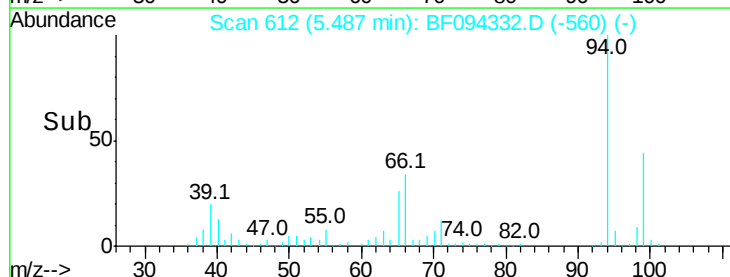
94 100

65 25.5 9.9 49.9

66 34.4 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 18.82 ng

RT: 6.49 min Scan# 783

Delta R.T. 0.15 min

Lab File: BF094332.D

Acq: 11 Apr 2017 2:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 139092

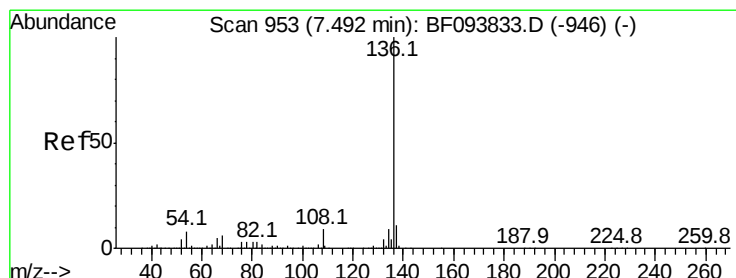
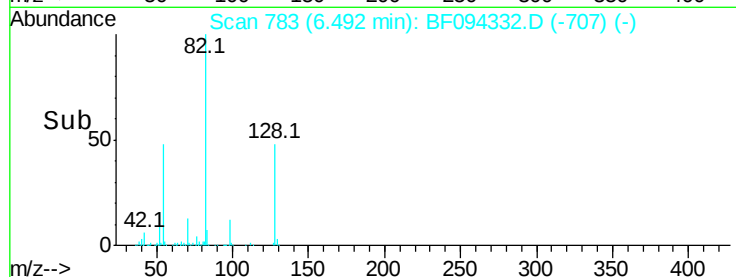
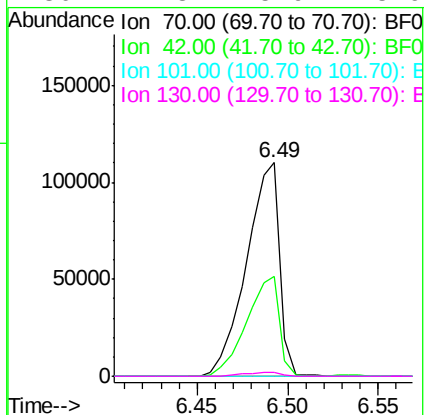
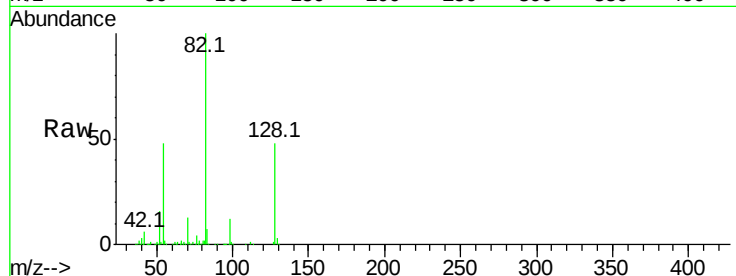
Ion Ratio Lower Upper

70 100

42 46.5 47.2 70.8#

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.34 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF094332.D

Acq: 11 Apr 2017 2:16

Tgt Ion: 136 Resp: 619941

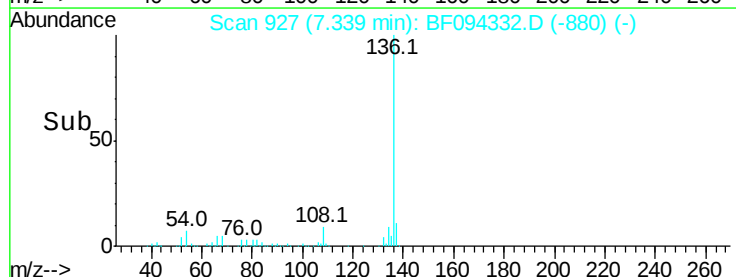
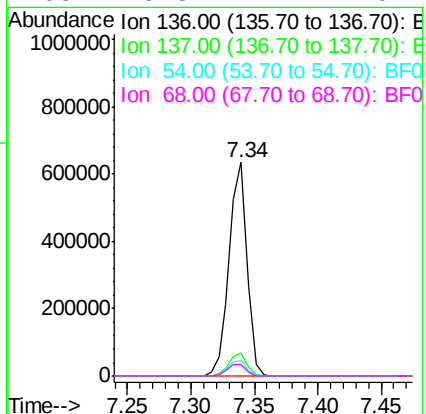
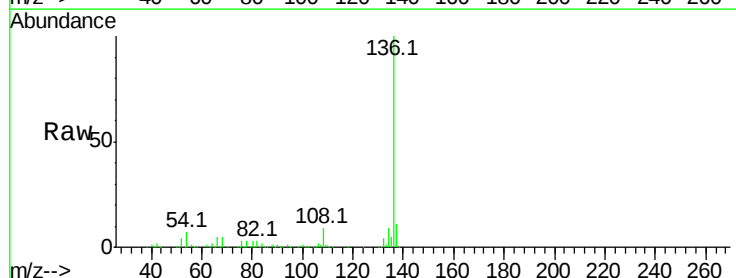
Ion Ratio Lower Upper

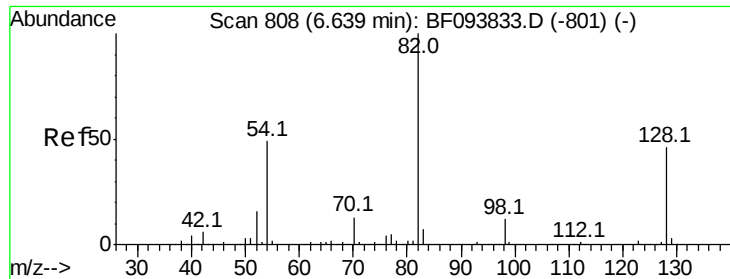
136 100

137 10.7 8.5 12.7

54 7.0 4.9 7.3

68 5.3 4.1 6.1

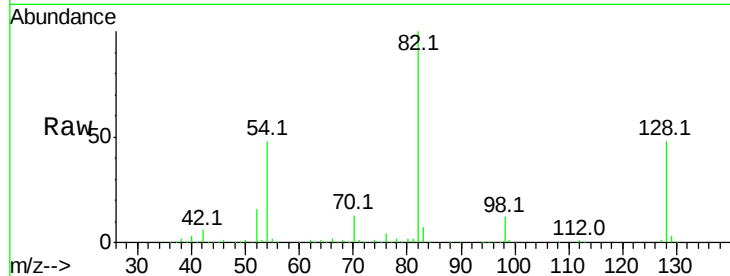




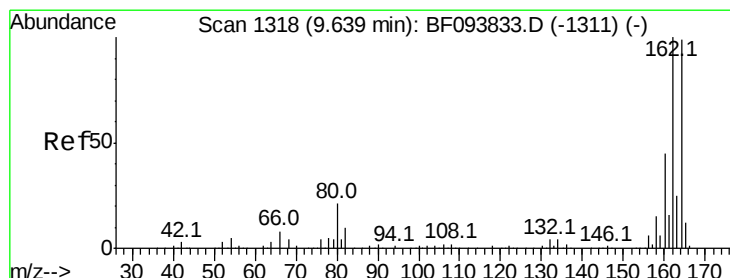
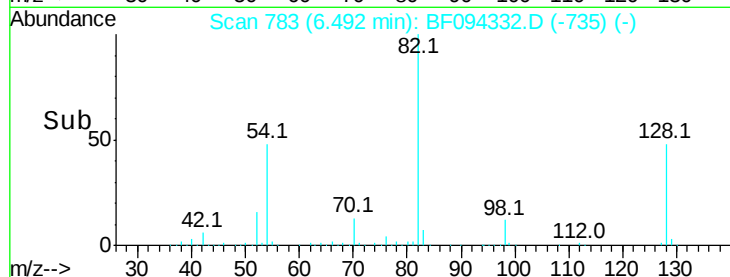
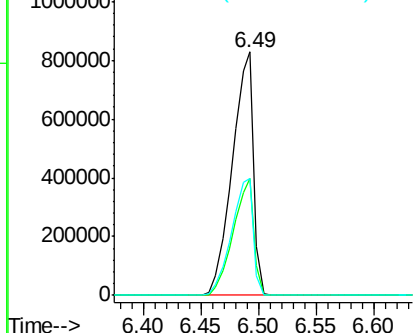
#23
 Nitrobenzene-d5
 Concen: 96.55 ng
 RT: 6.49 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF094332.D
 Acq: 11 Apr 2017 2:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1048856
 Ion Ratio Lower Upper
 82 100
 128 47.8 34.0 51.0
 54 47.9 42.2 63.2

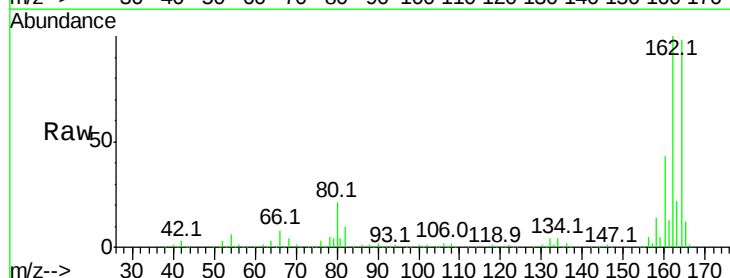


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

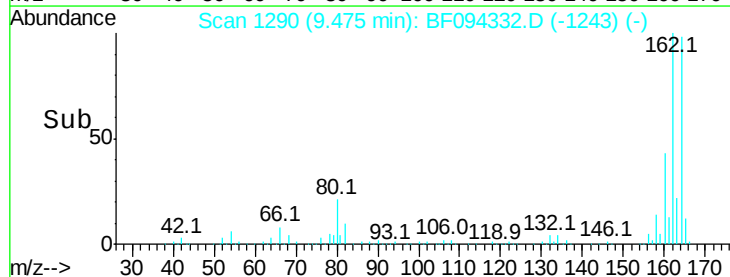
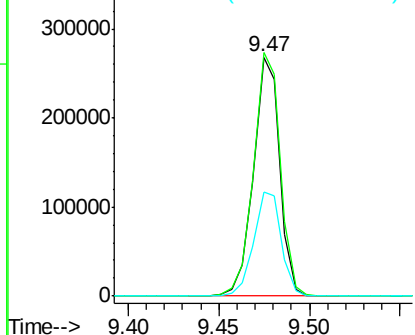


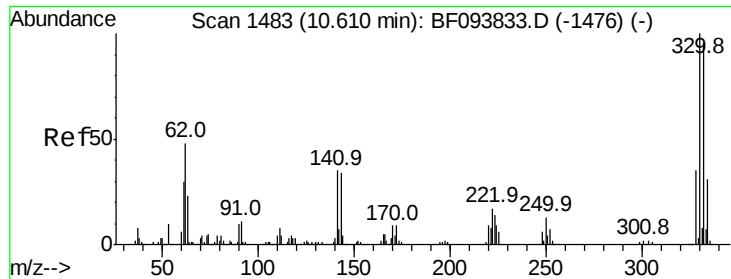
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF094332.D
 Acq: 11 Apr 2017 2:16

Tgt Ion:164 Resp: 268752
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.6 123.8
 160 43.6 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

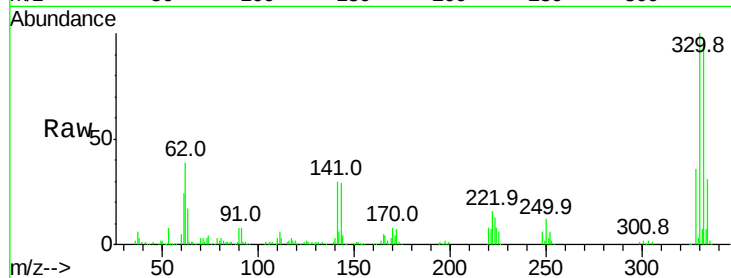




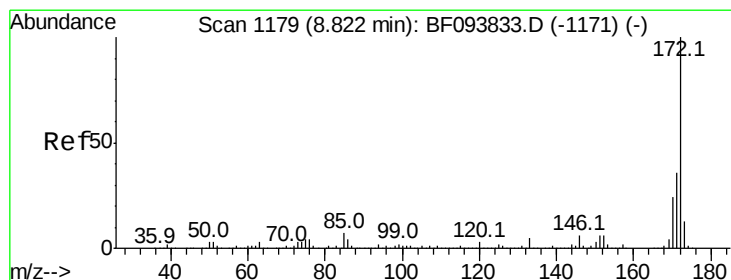
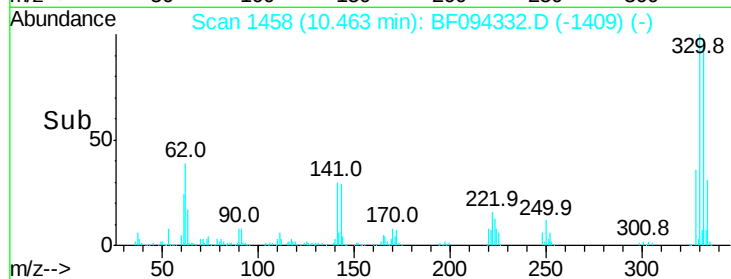
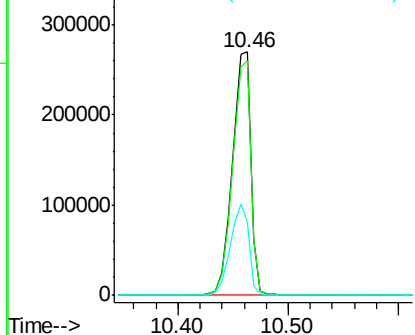
#41
 2,4,6-Tribromophenol
 Concen: 151.03 ng
 RT: 10.46 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF094332.D
 Acq: 11 Apr 2017 2:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 320737
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 37.6 31.4 47.2

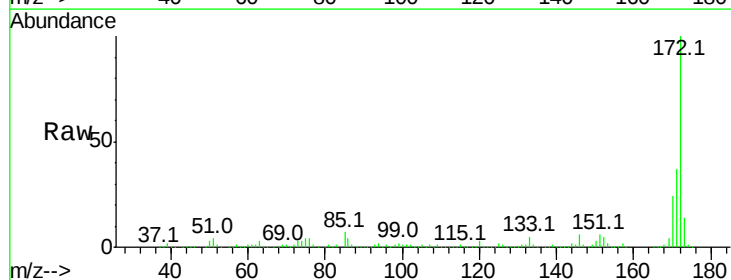


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

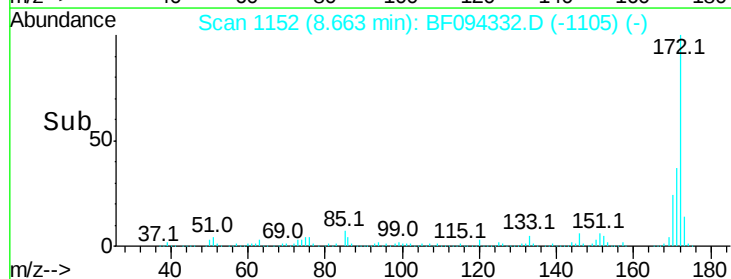
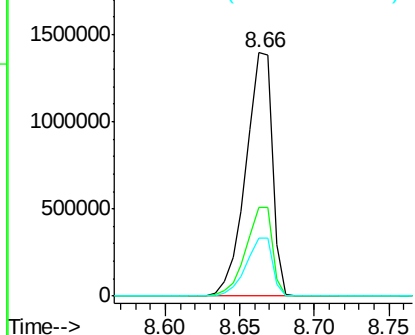


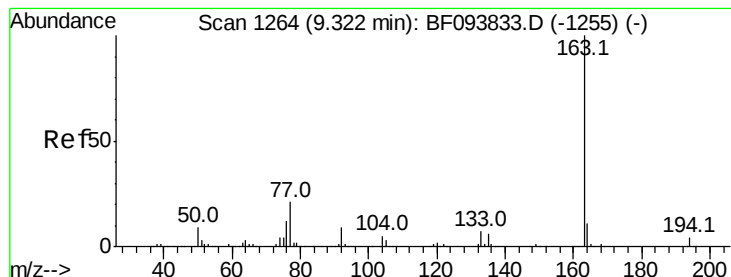
#44
 2-Fluorobiphenyl
 Concen: 97.32 ng
 RT: 8.66 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF094332.D
 Acq: 11 Apr 2017 2:16

Tgt Ion:172 Resp: 1714715
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 23.9 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 12.81 ng

RT: 9.16 min Scan# 1236

Delta R.T. -0.04 min

Lab File: BF094332.D

Acq: 11 Apr 2017 2:16

Instrument :

BNA_F

ClientSampleId :

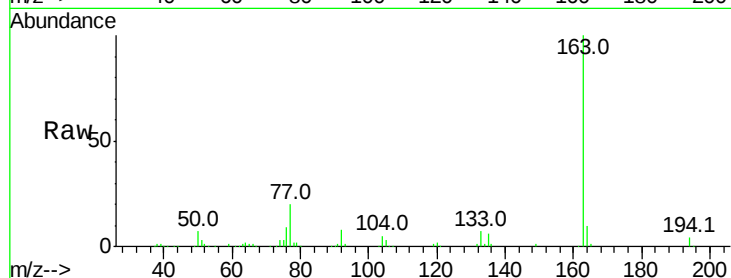
Tot Ion:163 Resp: 244694

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

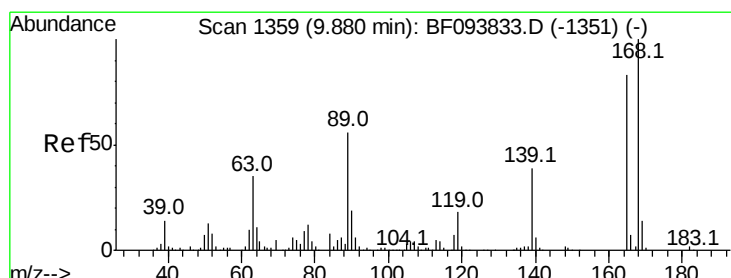
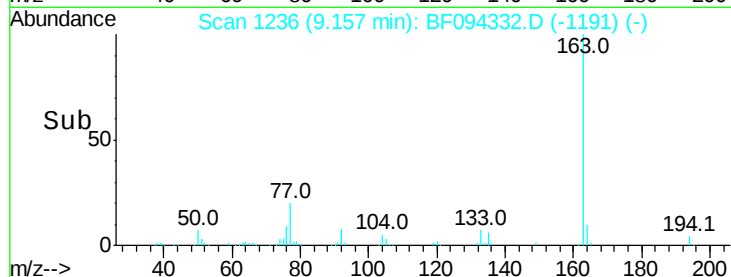
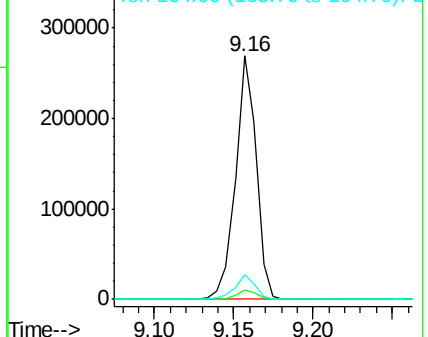
164 9.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.17 ng

RT: 9.47 min Scan# 1290

Delta R.T. -0.28 min

Lab File: BF094332.D

Acq: 11 Apr 2017 2:16

Tgt Ion:165 Resp: 33940

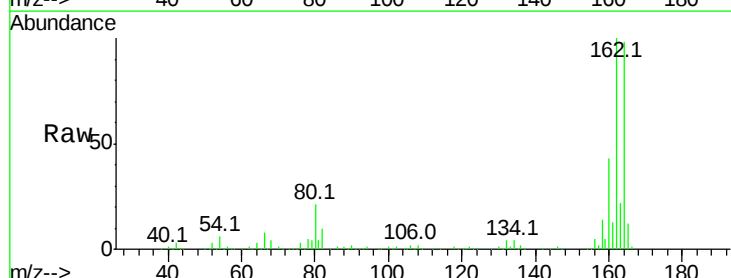
Ion Ratio Lower Upper

165 100

63 1.3 25.4 38.0#

89 1.0 46.4 69.6#

182 0.0 1.8 2.6#

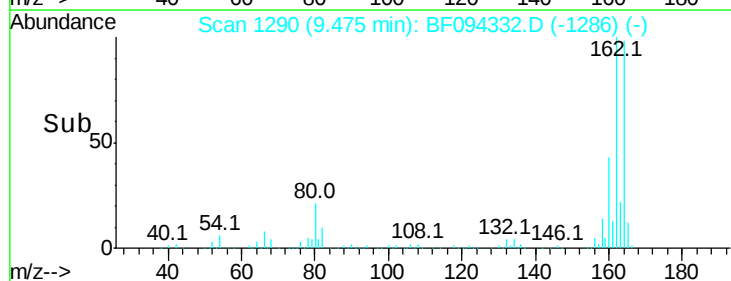
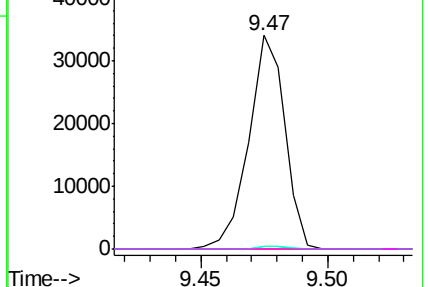


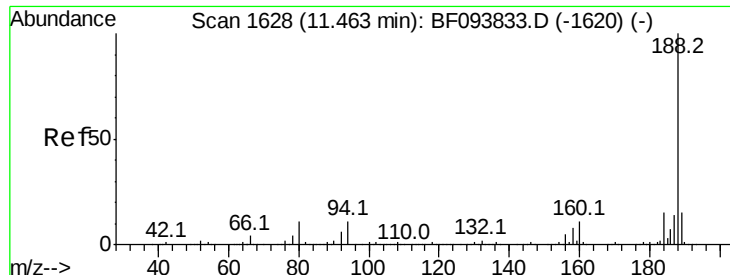
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

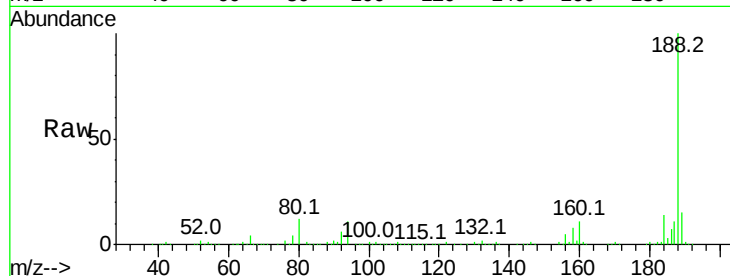




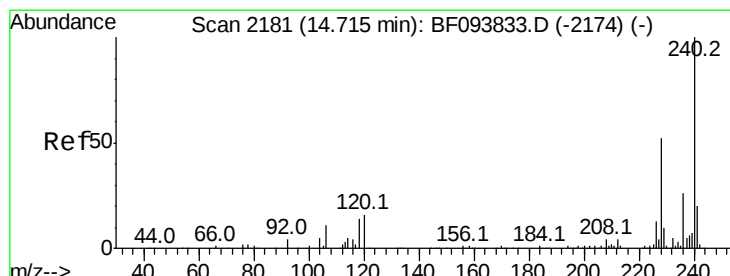
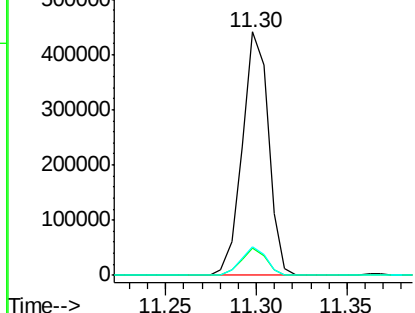
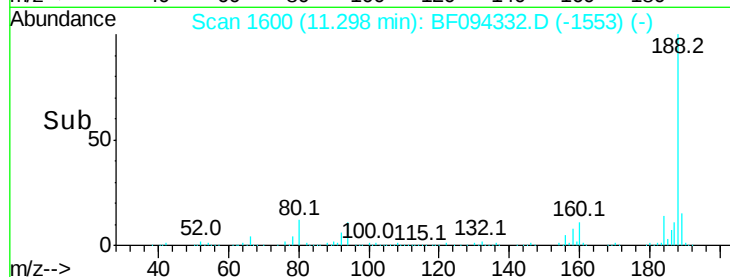
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF094332.D
Acq: 11 Apr 2017 2:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 441916
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 11.8 10.2 15.2

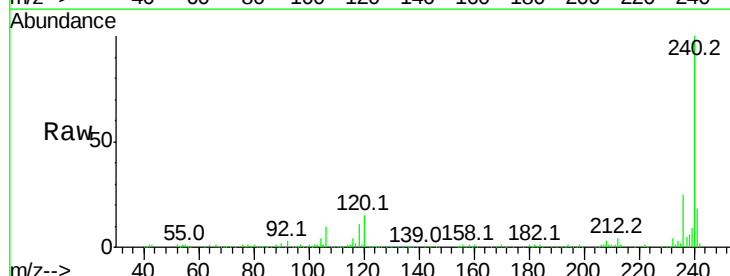


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

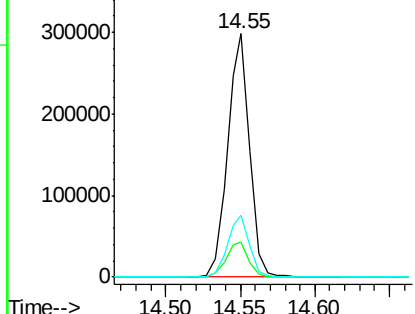
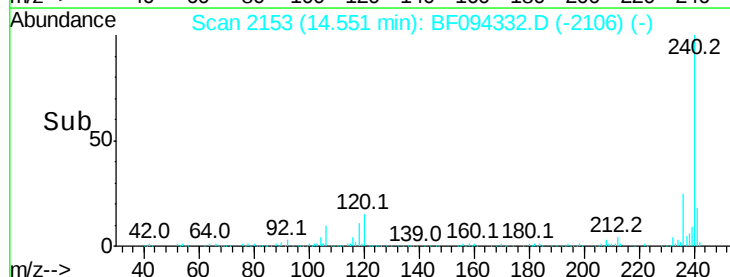


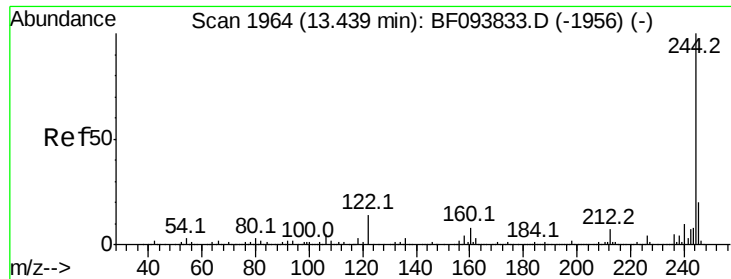
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.55 min Scan# 2153
Delta R.T. -0.02 min
Lab File: BF094332.D
Acq: 11 Apr 2017 2:16

Tgt Ion:240 Resp: 307229
Ion Ratio Lower Upper
240 100
120 14.6 5.8 8.8#
236 25.4 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

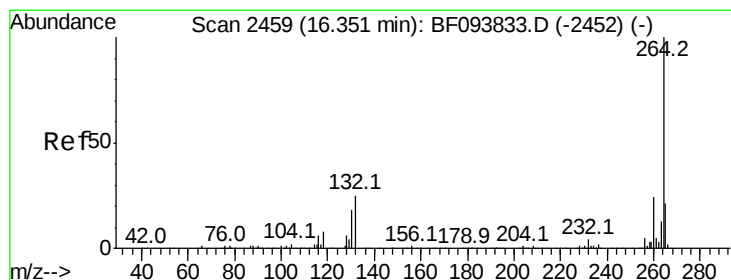
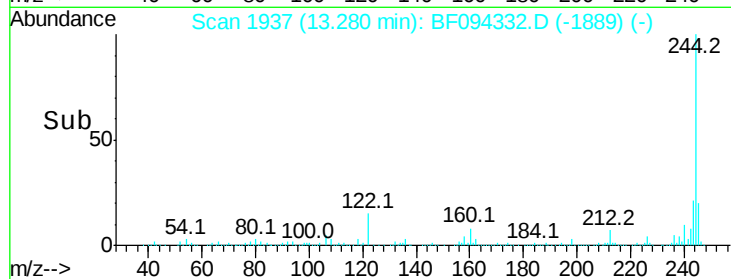
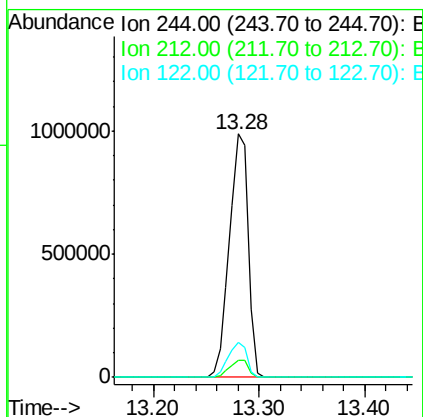
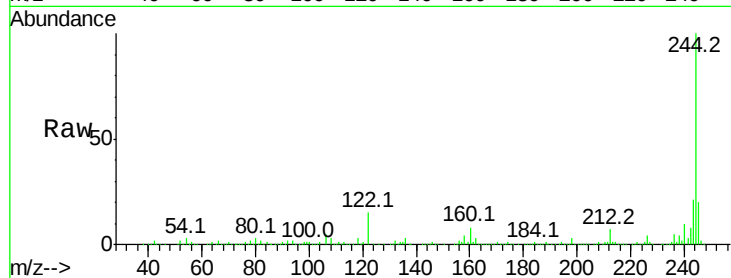




#78
 Terphenyl-d14
 Concen: 88.45 ng
 RT: 13.28 min Scan# 1937
 Delta R.T. -0.02 min
 Lab File: BF094332.D
 Acq: 11 Apr 2017 2:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1212321
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 14.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.18 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BF094332.D
 Acq: 11 Apr 2017 2:16

Tgt Ion:264 Resp: 258196
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 22.2 17.2 25.8

